



UNITED STATES MARINE CORPS

HEADQUARTERS MARINE CORPS AIR STATION MIRAMAR
PO BOX 452000
SAN DIEGO CA 92145-2000

StaO 8020.1A

G-3
31 OCT 2001

STATION ORDER 8020.1A

From: Commanding General
To: Distribution List

Subj: STANDING OPERATING PROCEDURES FOR THE COMBAT AIRCRAFT/
HAZARDOUS CARGO LOADING AREA (CALA) AND THE WEAPONS
STAGING AREA (WSA) (SHORT TITLE: SOP FOR CALA)

Ref: (a) NAVSEA OP 5 (NOTAL)
(b) NAVAIR 00-80T-103 (NOTAL)
(c) NAVSEA OP 3565/NAVAIR 16-1-519 (NOTAL)
(d) OPNAVINST 5530.13B
(e) StaO P8600.1A
(f) StaO P3710.1
(g) DDESB letter dated 4 Sep 96 (Site Approval)

Encl: (1) Map of the CALA, WSA, and Emergency Evacuation Muster
Point
(2) CALA Utilization Request Letter

1. Purpose. To publish instructions and procedures for the safe and secure operational use of the Primary and Secondary Combat Aircraft/Hazardous Cargo Loading Area (CALA) and the Weapons Staging Area (WSA).

2. Cancellation. StaO 8020.1.

3. Information. References (a) through (f) regulate the use of ordnance loading, storage and handling areas, delineate safety procedures aboard this installation and regulate security of ammunition and explosives (A&E). It is imperative that all personnel involved in ordnance operations aboard the station are in compliance with the references as well as the following guidelines:

a. All hazard class/division (C/D) 1.1 and 1.2 ordnance must be loaded in the CALA. C/D 1.1 ordnance consists of mass detonating weapons such as Mk 80 series bombs and rockets/

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missiles configured with high explosive (HE) warheads. H/D 1.2 ordnance consists of weapons designed to produce fragmentation such as anti-personnel weapons.

b. C/D 1.3 (mass fire) and C/D 1.4 (moderate fire) ordnance are not required to be loaded in the CALA. Examples of these munitions include:

(1) Inert bombs with signal cartridges, BDU practice bombs with electric fuzes and inert rockets with inert warheads.

(2) Captive carry training missiles with inert warheads.

(3) Chaff, decoy flares and parachute flares.

(4) Target practice ammunition.

c. Aircraft with hung ordnance (C/D 1.1 and 1.2) will be dearmed per applicable publications, directives and ordnance safety precautions in a designated arm/dearm area. Per reference (f), if ordnance personnel determine it is safe to do so, aircraft will taxi to the CALA to be downloaded. Otherwise, aircraft will shut down in the dearm area and Explosive Ordnance Disposal (EOD) shall be contacted. Once EOD renders the munitions safe, the aircraft will be allowed to taxi to the CALA for downloading.

d. All aircraft gun jams or malfunctions will be safed and cleared in the arm/dearm areas. If they cannot be cleared, the aircraft will be directed to the CALA and parked at a heading of 210 degrees for further appropriate action.

e. Aircraft loaded with forward firing and/or rocket type ammunition shall be armed and dearmed in the designated arming/dearming areas.

f. Safe separation distance between ordnance loaded aircraft shall be maintained per reference (a). It is the responsibility of the unit to ensure this requirement is met.

g. Per reference (g), the Strategic Lift Pad, Heavy Lift Pad, Helicopter Landing Strip and Fire Fighting Training/Burn Pit areas shall not be used while the secondary CALA is in use. The Heavy Lift Pad shall not be used while the primary CALA is in use.

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h. Only personnel essential to the evolution being performed will be authorized in the CALA.

i. Coordinating the movement of aircraft, equipment and personnel to and from the CALA is the responsibility of each using unit per the provisions of reference (f).

j. Requests for CALA spots will be submitted to Marine Aviation Logistics Squadron 11 (MALS-11) Ordnance Division who schedule CALA usage utilizing enclosure (2).

k. Aircraft will be moved to the CALA no earlier than 4 hours before launch unless prior arrangements are made with MALS-11 Ordnance Division at extension 7-1846. Aircraft may be towed or taxied to and from the CALA. Ground Control must be notified prior to the movement of any aircraft by the activity using the CALA.

l. During time of heavy CALA usage, if the possibility exists that an aircraft will go beyond the end of it's scheduled time for launch, the using unit operations department will contact MALS-11 Ordnance Division at extension 7-1846 for a time extension. Time extensions may not always be feasible and scheduled aircraft may have to launch on time or be downloaded and returned to the flight line so that other scheduled aircraft can be moved to the CALA.

m. Fueling of aircraft and ground support equipment is permitted in the CALA. Simultaneous ordnance loading/ downloading evolutions and aircraft fueling are not permitted.

n. Aircraft maintenance in the CALA will conform to the provisions set forth in reference (b).

o. Privately owned or individual rental vehicles are prohibited within CALA explosive safety quantity-distance (ESQD) arcs.

p. Enclosure (3) delineates emergency evacuation muster points.

4. Action

a. Commanding General, 3d Marine Aircraft Wing, Commanding Officer, Marine Aircraft Group 46 and all subordinate tenant and visiting unit commanding officers shall:

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(1) Require units scheduled for the CALA to accomplish the following:

(a) Ensure CALA requests are submitted to the MALS-11 Ordnance Division at least two working days prior to the date desired utilizing enclosure (2).

(b) Notify Airfield Operations prior to towing/ taxiing aircraft to the CALA. During normal operating hours, a radio-equipped escort is required for towing aircraft. Towing aircraft to the CALA during hours when the airfield is closed requires prior liaison with the Airfield Operations Duty Officer (ODO). The Airfield ODO is available at extension 7-4277/79.

(c) Ensure a foreign object damage (FOD) walk of their scheduled area is accomplished in the CALA prior to and after use.

(d) Inspect fire bottles to ensure serviceability. If any defects are noted, contact the Fire Prevention Office at extension 7-1963 for corrective action/replacement.

(e) Upkeep housekeeping while in the CALA/WSA site.

(f) Submit work requests to the station Explosive Safety Officer for the upkeep and repair of the CALA as needed.

(2) Ensure respective ordnance safety observers monitor evolutions to make certain all applicable publications, directives and safety precautions are strictly adhered to.

(a) Ensure that the total net explosive weight (NEW) of 30,000 lbs. H/D 1.1 is not exceeded.

(b) All aircraft loaded with forward firing ordnance will be parked at a heading of 210 degrees.

(c) All aircraft gun jams or malfunctions will be safed and cleared in the designated arm/dearm areas. If they cannot be cleared, the aircraft will be directed to the CALA and parked at a heading of 210 degrees for further appropriate action.

b. MALS-11 Ordnance. Process requests for CALA usage and schedule units accordingly. Fax finalized schedule to Airfield Operations at extension 7-1721 and the Explosive Safety Office at extension 7-1545.

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c. G-3 Airfield Operations. Airfield Operations is responsible for:

(1) Disseminate a copy of the CALA schedule to the Aircraft Rescue and Fire Fighting (ARFF) dispatcher, AirOps ODO and EOD.

(2) Ensure phone communications are available at the WSA, Building 9184.

(3) Ensure that fire-fighting equipment is on hand in the CALA and properly maintained by the station fire department.

(4) Schedule a flight line sweeper for FOD sweeps of the CALA area as needed.

d. The Explosives Safety Officer (ESO) is responsible for the following:

(1) Monitor NEW and ammunition compatibility requirements. The NEW limitation of the Primary CALA, Secondary CALA and WSA is 30,000 lbs. C/D 1.1. and 1.2 in each area.

(2) Monitor ordnance evolutions and ensure units are in compliance with all applicable directives.

(3) Provide initial and recurring safety briefs, as necessary, to tenant and visiting units.

(4) Maintain copies of all Qualification/Certification records of personnel visiting MCAS Miramar for the duration of their deployment.

(5) Forward, with applicable comments, work requests received from using activities and track to ensure job completion meets all pertinent explosives safety criteria.

e. G-4 Installation and Logisicts (I&L). G-4 I&L will respond to any work requests submitted by the station ESO pertaining to maintenance and upkeep of the CALA. All work will be coordinated through the ESO and the Airfield Operations Officer prior to job start.

f. Prior to commencing ordnance operations, visiting deployed units will:

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(1) Submit in writing to their host unit and the ESO copies of ordnance Qualification/Certification documentation of all personnel involved in explosives operations. This submittal should occur at least 2 weeks prior to arrival in order to schedule an explosives safety brief with the ESO.

(2) All personnel involved in the handling of ordnance will receive an explosive safety brief from the station ESO prior to engaging in any ordnance activities.

5. Security. Security of ordnance within the CALA/WSA is the responsibility of the unit owning the material. During working hours all material/ordnance must be under constant surveillance of personnel conducting operations in the CALA/WSA. After working hours, all live ordnance will be returned to the WSA for transfer to the parent MALS personnel and transported to the appropriate ammunition storage area. If operations dictate, Mark 80 series inert ordnance may remain within the WSA after hours provided that no pilferable signal cartridges, fuzes or cartridges are installed. Additionally, the Airfield ODO (extension 7-4277/79) and the Watch Commander at PMO (extension 7-4068/7293) must be notified prior to leaving any ordnance unattended within the WSA. PMO will conduct hourly security checks of unattended ordnance per reference (a).

6. Emergency Response. In the event of an explosives related accident or mishap, the following steps will be taken:

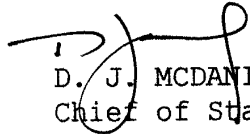
a. Immediately contact the Airfield ODO at extension 7-4277/79 and inform as to the nature of the incident. The ODO will contact AARF, EOD, PMO and Airfield Operations Officer.

b. Only attempt to fight fires and initiate rescue efforts if the situation is not life threatening. Under no circumstance will personnel expose themselves to danger. The senior person will make the determination to stay or evacuate. If it is determined damage control can be initiated, only the minimum number of personnel required will remain. All others will evacuate to the emergency evacuation muster point indicated on enclosure (1).

c. If the senior person determines any damage control effort to be life threatening, all personnel will relocate to the emergency evacuation muster point indicated on enclosure (1). The senior person will be responsible for contacting emergency

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responders as they arrive. The senior person will brief the Incident Commander detailing the nature of the incident, munitions involved, number of aircraft, number of casualties and any other pertinent information.

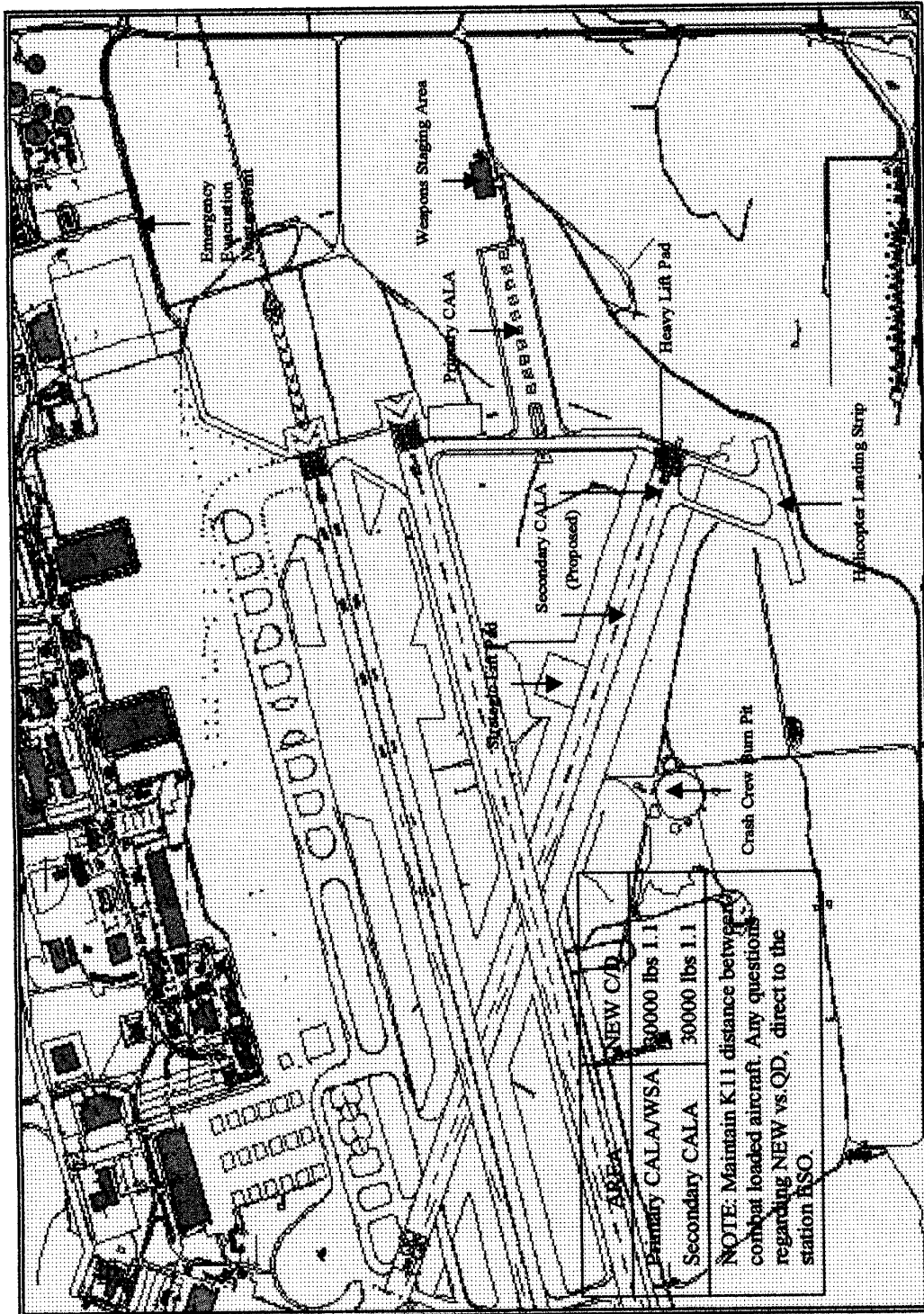


D. J. MCDANIEL
Chief of Staff

DISTRIBUTION: A

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MAP OF CALA, WSA, AND EMERGENCY EVACUATION MUSTER POINT



ENCLOSURE (1)

StaO 8020.1A

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CALA UTILIZATION REQUEST LETTER (FORMAT)

HEADING

SSIC
Code
Date

From: Commanding Officer, (Unit)

To: MALS-11 Ordnance (Attn: ASRS Section)

Subj: REQUEST FOR USE OF COMBAT AIRCRAFT LOADING AREA (CALA)

Ref: (a) StaO 8020.1A

1. Per the reference, use of the CALA is requested on the following dates and times:

DATE	PAD TIME	LAUNCH TIME	TYPE	ORDNANCE	QTY	NO. OF A/C	PAD NO. ASSIGNED

I. M. BOSS

ENCLOSURE (2)